Index of Claims

Application/Control No.

09/582,838

Examiner

Lakshmi S. Channavajjala

Applicant(s)/Patent under Reexamination

KONDO ET AL.

Art Unit

1615

| √ | Rejected |
|---|----------|
| = | Allowed  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      | 1        |                 |                | (              | Date            | •        |                     |          |          | CI           | aim      |                       |          |            | Date        |          |                         |            |          | Cla   | aim        |                 |               | _       | Dat          | е        |                     |          |          |
|----------|----------|----------|-----------------|----------------|----------------|-----------------|----------|---------------------|----------|----------|--------------|----------|-----------------------|----------|------------|-------------|----------|-------------------------|------------|----------|-------|------------|-----------------|---------------|---------|--------------|----------|---------------------|----------|----------|
|          | -        | 1        | 7               |                |                |                 |          |                     |          |          |              | =        |                       |          |            |             | ı        |                         |            |          |       | <u></u>    |                 |               | 1       |              |          |                     |          |          |
| Final    | Original | 13       |                 | l              | '              |                 |          |                     |          |          | Final        | Original | 1                     |          |            |             | 1        |                         |            |          | Finat | Original   |                 |               | 1       | 1            |          |                     |          | 1        |
| ίĒ       | Ę        | 6        | 1               | l              |                |                 |          |                     |          |          | 证            | ਨੂੰ      | 1                     |          |            | ł I         | -        |                         |            |          | 诓     | Š          |                 | -             | 1       |              |          |                     |          | - 1      |
|          | U        | 00       |                 | <u> </u>       |                |                 |          |                     | $\perp$  | _        |              |          |                       |          |            |             |          | <b> </b>                | _          |          |       |            |                 | _ _           | ╀       |              |          | _                   | _        | ᆚ        |
|          | 1        | L        |                 | 乚              |                |                 |          |                     | $\perp$  | _        | L            | 51       | _                     |          | <u> </u>   | $\sqcup$    |          | 1                       | _          | Ļ        |       | 101        | _               |               | _       |              |          | _                   | _        | _        |
|          | 2        |          | <u> </u>        | 辶              |                |                 | _        | _                   |          | _        |              | 52       |                       |          | lacksquare |             | _        | 1                       | _          |          |       | 102        |                 |               | 1       | <b>_</b>     |          |                     | 4        | 4        |
|          | 3        | <u> </u> | $oxed{oxed}$    |                | <u> </u>       |                 | $\dashv$ |                     | _        | 4        |              | 53       | $\rightarrow$         | $\perp$  | ↓          | $\sqcup$    | _        | <b>├</b>                | _ :        | <b>.</b> |       | 103        | _               |               | +       | +            | Ш        | $\dashv$            | -        | _        |
|          | 4        | _        | L               | _              | L              | Ц               | $\Box$   | _                   |          | _        |              | 54       |                       |          | <u> </u>   | $\sqcup$    |          | $\bot\bot$              | _          |          |       | 104        | _               | +             | +       | 4            | Щ        | $\dashv$            |          | 4        |
|          | 5        | _        | ╙               | <u> </u>       | Ш              |                 | _        |                     | $\dashv$ | 4        |              | 55       |                       | _        | lacksquare | $\sqcup$    | <u> </u> | $\sqcup$                | _          | -        |       | 105        | _+              |               | +       | 4            | _        |                     | -        | 4        |
|          | 6        | <b> </b> | ┞               | <u> </u>       | Ь.             | Ш               | $\dashv$ | -                   | -        | -        | -            | 56       |                       | -        | ╄          | ╀           |          | ++                      | :          |          |       | 106        | -+              | +             | +       |              |          | _                   | $\dashv$ | $\dashv$ |
|          | 7        | <u> </u> | _               | 1              | 1              |                 |          | -                   |          | -        |              | 57       |                       | +        | $\vdash$   | -           |          | ╁┼                      | :          |          |       | 107        |                 | -             | +       |              | $\vdash$ | $\dashv$            | $\dashv$ | $\dashv$ |
|          | 8        | <u> </u> |                 | -              | <b>⊢</b>       | $\vdash$        |          | $\dashv$            | +        |          |              | 58       | -+                    | +        | ┼          |             | -        | ╂╌┼                     | -          | -        |       | 108        | -               |               | ╫       | +            | $\vdash$ | $\dashv$            | -+       | $\dashv$ |
|          | 9        | X        | $\vdash$        | ├-             | ļ.,            | H               | $\dashv$ | $\dashv$            | +        | -        |              | 59       | -                     | +        | ╀          |             |          | ++                      | - :        |          |       | 109        | -               | +-            | +       | +            | $\vdash$ |                     | $\dashv$ | $\dashv$ |
| -        | 10       | 4        | -               | 1              | $\vdash$       | $\vdash \vdash$ |          | -                   | +        | $\dashv$ | <u> </u>     | 60       | $\vdash \vdash$       | +        | $\vdash$   |             | -        | ++                      | -          |          |       | 110<br>111 | $\dashv$        | +             | +       | +            | $\vdash$ | $\vdash$            | $\dashv$ | $\dashv$ |
| <u> </u> | 11       | H        | $\vdash$        | -              | $\vdash$       | $\vdash \vdash$ |          | $\dashv$            | +        | -        | <del> </del> | 61<br>62 | $\vdash$              | -        | +-         | $\vdash$    |          | +                       | $\dashv$   | ŀ        |       | 112        | -+              | $\dashv$      | +       | +            | $\vdash$ | $\vdash$            | $\dashv$ | $\dashv$ |
| <b> </b> | 12       | ╫        | ├               | $\vdash$       | $\vdash$       | $\vdash \vdash$ | -        | $\dashv$            | +        | -        | -            | 63       |                       |          | +          | -           |          | ╁╌┼                     |            | -        |       | 113        | $\dashv$        | +             | +       | +            | $\vdash$ | $\dashv$            | +        | $\dashv$ |
|          | 13       | ╟        | $\vdash$        | ╁╾             | 1-             | $\vdash$        | $\dashv$ | $\dashv$            | +        | -        | <del></del>  | 64       | $\dashv$              | +        | +-         | -           |          | +                       | -          | ŀ        |       | 114        | +               | +             | +       | +            | Н        | +                   | -+       | $\dashv$ |
| -        | 14<br>15 | +        | +               | $\vdash$       | $\vdash$       | $\vdash \vdash$ | -        | $\dashv$            | +        | -        | <u> </u>     | 65       | -                     | +        | $\vdash$   | $\vdash$    |          | ++                      | -          | ⊪        |       | 115        | -+              | +             | +-      | +            | H        | $\dashv$            | $\dashv$ | $\dashv$ |
|          | 16       |          | K               | ┢              | ╁              | H               | $\dashv$ | $\dashv$            | +        | -        |              | 66       | +                     | $\dashv$ | ╁          | $\vdash$    |          | +                       | -          | ŀ        |       | 116        | -               | -             | +       | +            | -        | $\dashv$            |          | $\dashv$ |
|          | 17       | Ľ        | $\vdash$        | $\vdash$       | +-             | $\vdash$        |          | +                   | +        | -        | <del> </del> | 67       | +                     | +        | $\vdash$   | ├──┼        | +        | + +                     | $\dashv$   |          |       | 117        | $\dashv$        | +-            | +       | +            |          | +                   | $\dashv$ | $\dashv$ |
|          | 18       | $\vdash$ | +               | $\vdash$       | $\vdash$       | $\vdash$        | $\dashv$ | $\dashv$            | +        | -        |              | 68       | $\vdash \vdash$       | +        | +          |             | +        | + +                     | <b>⊣</b> ∷ | }        |       | 118        | $\dashv$        | +             | +       | +            | H        | $\dashv$            | $\dashv$ | $\dashv$ |
|          | 19       |          | ╁               | -              | -              | -               |          | $\dashv$            | +        | -        | <b>-</b>     | 69       | $\vdash$              | +        | ╁╌         | -+          | +        | $\vdash$                | -          | •        |       | 119        | $\dashv$        | +-            | +       | +-           | -        | $\dashv$            | $\dashv$ | ᅥ        |
|          | 20       |          | -               | ┢              | ╁─             | $\vdash$        |          | $\dashv$            | +        | -        |              | 70       | +                     | +        | ╁╌         | $\vdash$    | +        | +                       | -          | -        |       | 120        | $\pm$           |               | +-      | +            | $\vdash$ | $\dashv$            | +        | ᅥ        |
|          | 21       |          | <del> </del>    | ├              | <del> </del>   |                 |          | $\dashv$            | $\dashv$ | -        |              | 71       |                       | +        | $\vdash$   | $\vdash$    | +-       | +                       | -          | -        |       | 121        | $\dashv$        | $\top$        | +-      | +            |          | 1                   | +        | ᅥ        |
|          | 22       | ┢        | 1               | ┢              | ╁╾             | $\vdash$        | -        | $\dashv$            | +        | -        |              | 72       | -                     | +        | +          |             |          | +                       | -          | •        |       | 122        |                 | _             | +       | +            |          | _                   | $\dashv$ | ┪        |
|          | 23       | <u> </u> | <del> -</del> - | <del>  -</del> | ${}^{\dagger}$ | $\vdash$        | _        | $\dashv$            | $\dashv$ | -        |              | 73       | $\dashv$              | +        | +-         | $\vdash$    | _        | 1 1                     | -          | -        |       | 123        | $\dashv$        |               | _       | $\top$       | $\vdash$ |                     | ┪        | ┪        |
|          | 24       | <u> </u> | <del> </del>    | Т              | $\vdash$       |                 | $\dashv$ | $\dashv$            | $\top$   |          |              | 74       |                       | 1        | T          | 1-1         |          | T                       |            |          |       | 124        | $\neg$          | $\top$        | T       | 1            |          |                     | 寸        | T        |
|          | 25       | $\vdash$ | $\vdash$        | 1              | 1              | $\Box$          |          | $\dashv$            | 十        | -        |              | 75       |                       |          | $\vdash$   |             |          | Ħ                       |            |          |       | 125        |                 |               | T       | 1            |          |                     |          |          |
|          | 26       |          | 1               | 1              | 1              |                 |          |                     |          | 7        | -            | 76       |                       |          |            | $\Box$      |          | TT                      |            |          |       | 126        |                 |               |         |              |          |                     |          |          |
|          | 27       |          | 1               | 1              |                | П               | T        |                     |          |          |              | 77       |                       |          |            |             |          |                         |            |          |       | 127        |                 | $\neg \vdash$ |         |              |          |                     |          |          |
|          | 28       |          | 1               |                |                | П               |          |                     |          | 7        |              | 78       |                       |          | Г          |             |          |                         |            |          |       | 128        |                 |               |         |              |          |                     |          |          |
|          | 29       |          |                 | 1              |                |                 |          |                     |          |          |              | 79       |                       |          |            |             |          |                         |            |          |       | 129        |                 |               |         |              |          |                     |          |          |
|          | 30       |          |                 |                |                |                 |          |                     |          |          |              | 80       |                       |          |            |             |          |                         |            |          |       | 130        |                 |               |         |              |          |                     |          |          |
|          | 31       |          |                 |                |                |                 |          |                     | I        |          |              | 81       |                       |          |            |             |          |                         |            |          |       | 131        |                 | $\perp$       | I       |              |          |                     | $\Box$   |          |
|          | 32       |          |                 |                |                |                 |          |                     | I        |          |              | 82       |                       |          |            | $\Box$      |          | $\Box$                  |            |          |       | 132        |                 |               |         | $oxed{\Box}$ |          | Ц                   | $\perp$  | $\Box$   |
|          | 33       | L        | L               | 匚              |                | Щ               |          |                     |          | _        |              | 83       |                       | $\perp$  | ļ          |             |          | $\sqcup \downarrow$     | _          |          |       | 133        | $\sqcup$        | _             | $\perp$ | _            | <u> </u> | $\sqcup$            | _        | $\dashv$ |
|          | 34       |          | <u>L.</u>       | L              | $oxed{oxed}$   | Ш               |          | Ш                   |          | _        |              | 84       | ot                    |          | <u> </u>   | $\sqcup$    |          | $\sqcup$                | _          |          |       | 134        | $\sqcup$        | $\perp$       | $\perp$ | 1            |          | $\sqcup$            |          | $\dashv$ |
|          | 35       | L        | $\perp$         | $\perp$        | igspace        | Ш               |          |                     | $\perp$  | 4        |              | 85       | $\sqcup$              | $\bot$   | 1          |             | _        | $\downarrow \downarrow$ | _          |          |       | 135        | $\sqcup$        | _             | $\bot$  | $\perp$      | <u> </u> | $\vdash \downarrow$ | _        | _        |
|          | 36       | _        | 1               | 1              | <u> </u>       | Ш               |          | $\sqcup \downarrow$ | 4        | 4        |              | 86       | $\sqcup \!\!\! \perp$ | $\bot$   | _          | $\sqcup$    | -        | $\sqcup$                | _          |          |       | 136        | $\sqcup$        | $\perp$       | 4       | +            | $\vdash$ | $\sqcup$            |          | 4        |
|          | 37       | _        | ـــ             | 1_             | 1_             | Ш               |          | $\sqcup$            | 4        | _        |              | 87       | $\perp \downarrow$    | +        | <u> </u>   | $\sqcup$    | $\bot$   | 1-1                     | $\dashv$   |          |       | 137        | $\sqcup$        | $\perp$       | +       | +            | ⊢        | $\vdash \vdash$     | $\dashv$ | $\dashv$ |
|          | 38       | _        | ↓               | $\vdash$       | ـ              |                 |          | $\sqcup$            | _        | -        |              | 88       | $\sqcup \bot$         | -        | ļ          | $\vdash$    | -        | +                       | 4          | 1        |       | 138        |                 | +             | +       | +            | <u> </u> | $\vdash$            | $\dashv$ | _        |
|          | 39       | <u> </u> | $\vdash$        | ╙              | ــــ           |                 |          | $\sqcup$            | 4.       | -        | <u> </u>     | 89       | $\vdash \vdash$       | +        | -          | <b>├</b> ─┼ |          | +                       | $\dashv$   |          |       | 139        | $\dashv$        | -             | +       | +            | <b>ļ</b> | $\vdash \vdash$     | $\dashv$ | $\dashv$ |
|          | 40       | -        |                 | -              | -              | $\vdash$        |          | $\vdash$            | _        | -        |              | 90       | $\vdash \vdash$       | +        | ╁          |             |          | +                       | $\dashv$   |          |       | 140        | $\dashv$        | +             | -       | +            | -        | $\vdash$            | $\dashv$ | _        |
|          | 41       | -        | -               | ļ              | ├              | $\vdash$        |          | $\dashv$            | -        | -        | <u> </u>     | 91       | $\vdash \vdash$       | +        | -          | ╁╌╁         | -        | +                       | $\dashv$   | 1        |       | 141        |                 |               | +       | +            | $\vdash$ |                     | $\dashv$ | $\dashv$ |
|          | 42       | <u> </u> | $\vdash$        | _              | ┼              | $\vdash$        |          |                     | -        | -        | <u> </u>     | 92       | $\vdash$              | +        | +          | ⊢⊹          | +        | ++                      | $\dashv$   |          |       | 142        | $\vdash$        |               | +       | +            | $\vdash$ | $\vdash \vdash$     | $\dashv$ | $\dashv$ |
|          | 43       | ├        |                 | ₩              | $\vdash$       | $\vdash$        |          | $\dashv$            | -        | -        |              | 93<br>94 | $\vdash$              | +        | +          | $\vdash$    | +        | +                       | $\dashv$   | ŀ        |       | 143<br>144 | $\vdash$        | +             | +       | +            | $\vdash$ | $\vdash \vdash$     | -+       | $\dashv$ |
|          | 44       | -        | ├-              | ├-             | +              | $\vdash \vdash$ |          | -+                  | +        | -        | <u> </u>     | 95       | $\vdash +$            | +        | ╁          | $\vdash +$  |          | +                       | $\dashv$   | ⊪        |       | 144        | ┝╼┼             | +             | +       | +            | $\vdash$ | $\vdash \vdash$     | $\dashv$ | $\dashv$ |
| <u> </u> | 45       | -        | -               | ┼              | +              | $\vdash \vdash$ | $\dashv$ | -+                  | +        | -        |              | 96       | $\vdash \vdash$       |          | 1—         | $\vdash$    | +        | ++                      |            | -        |       | 145        | $\vdash \vdash$ | $\dashv$      | +-      | +-           | $\vdash$ | $\dashv$            | $\dashv$ | $\dashv$ |
| <u></u>  | 46<br>47 | -        | ┼-              | $\vdash$       | $\vdash$       | $\vdash \vdash$ |          | $\dashv$            | -        | -        |              | 97       | $\vdash +$            | +        | $\vdash$   | -           | -        | +                       | $\dashv$   | 1        |       | 147        | $\vdash$        |               | +       | +            | ├        | $\vdash$            | $\dashv$ | $\dashv$ |
| <b>-</b> | 48       | -        | +-              | 1              | ╁╌             | $\vdash \vdash$ |          | $\dashv$            | +        | $\dashv$ |              | 98       | $\vdash \vdash$       | +        | +-         | ├┼          | +        | + +                     | $\dashv$   |          |       | 148        | -               | $\dashv$      | +       | +            | $\vdash$ | $\vdash$            | $\dashv$ | $\dashv$ |
| -        | 48       | +        | ╁               | -              | $\vdash$       | ├─┤             |          |                     | +        | $\dashv$ | _            | 99       | $\vdash \vdash$       | +-       | +          |             | +        | ++                      |            |          |       | 149        | $\vdash$        | $\dashv$      | +       | +            | $\vdash$ | $\vdash$            |          | $\dashv$ |
| -        | 50       | -        | +               | $\vdash$       | +              | $\vdash$        |          | $\dashv$            | +-       | -        | <b></b> -    | 100      | $\vdash \vdash$       | +        | +-         | ++          | +        | +                       | $\dashv$   | 1        |       | 150        | $\vdash \vdash$ | $\dashv$      | +       | +            | $\vdash$ | $\vdash$            | $\dashv$ | $\dashv$ |
| Ь—       | 30       | Щ.       | Щ.              | Ц.             | <u> —</u>      | ш               |          |                     |          | _::::    | Щ.           | 1100     |                       |          | 1          | டட்         | _ــــــ  | <u>L</u>                | :          | ا::::    |       | 130        |                 |               |         |              | <u> </u> |                     |          |          |